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HLA Transition

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HLA Transition

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- **Establishment of a baseline HLA definition marks the beginning of an important transition process**
- **A two year transition period is envisioned**
- **As required by the Master Plan, DoD Components and Agencies are responsible for reviewing their programs and planning for transition of new and continuing programs to HLA**
- **There are a series of activities which are key to this transition process**

Major Transition Activities

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- AMG Management of HLA Transition
- Development of Supporting SW
- Compliance Certification Process
- IEEE DIS Standards Transition
- Technology Experimentation
- Education and Training

AMG Management of HLA Transition

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HLA transition will depend on continued cooperation across the DoD community

- **AMG will continue with the charter to manage transition of HLA throughout the DoD**
  - **Provide forum to track progress, identify issues, surface added requirements, continue to develop DoD support capabilities (e.g., security architecture)**
- **Potentially increased membership, but less frequent (quarterly) meetings**

Supporting SW Development

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Success of HLA transition will rest on the ready availablility of usable support SW.

- **Priority on maturing RTI prototype software for broader distribution; v1.0 will be developed and maintained for common use and as the basis for an industrially developed RTI**
  - **LL/MITRE, developers/integrator**
  - **IEC, operational testing**
  - **'shrink-wrapper' to distribute and support users**
- **Plans are under consideration for Version 2.0 RTI, as a competitively- based development**
- **Other candidates for supporting SW are**
  - **Test tools**
  - **FOM development tools**
  - **'Middleware supporting SW' (e.g. filterware or adaptorware)**
  - **MRCI**

Compliance Certification Process

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Cost effective, clear HLA compliance certification process is critical to transition.

- **Compliance checklist (draft now under review by AMG) will support HLA baseline definition**
- **Procedures and automated tools will be needed to support this checklist (an example of supporting SW)**
- **During 2-year transition period, DMSO will assume responsibility for supporting certification process**
  - **Objective is that process will be sufficiently 'clean' that a supporting contractor team could conduct process**

IEEE DIS Standards Transition

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Partnership with industry is key to high technical quality and technical investment required to meet HLA goals.

- **Work is underway with IEEE DIS standards community for an expanded DIS (DIS++) to develop and evolve standards which support HLA**
  - **STGVIP is developing a plan for Workshop organization, operations and transition, results expected by mid-summer**

Technology Experimentation

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Continued investment in technology areas critical to HLA is vital.

- **Recognized that there continue to be outstanding technology issues which address the application of the architecture, tools to support its ease of use, and the implementation of critical infrastructure**
- **Continued investment in these areas both by DMSO and the Service technology programs will be fostered during the transition peroiod**
  - **Newly initiated work in time management and data filtering is an example of this type of investment**

Education and Training

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Information dissemination and supporting documentation is key to HLA adoption.

- **Attention will be needed on the materials and approaches for providing HLA users the information needed to understand and implement HLA**
- **Efforts will include**
  - **Continued on-line (web-based) information**
  - **General distribution information for resource managers, program managers, developers**
  - **Hands-on training on topics such as developing an HLA federate, designing and fielding a federation, runtime operations**
- **May be developed in conjunction with DoD Components, with DIS++ user groups, and other technical/professional organizations (MORS, ITEA)**